

# PATHOGEN STRATEGIES:

## Evasion and Suppression of the Immune System

Department of Molecular, Cellular  
and Developmental Biology  
University of Colorado, Boulder

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**PHILIPPA MARRACK** - National Jewish Center for  
Immunology and Respiratory Medicine  
The Body's Defense: Overview of the Immune Response

**JACK STEVENS** - University of California, Los Angeles  
Functional Analyses of Transcripts in Latent Herpes Viral Infections

**DAVID SIBLEY** - Stanford School of Medicine  
Toxoplasma Modification of Phagosomes

**FRED HEFFRON** - Scripps Clinic and Research Foundation  
Genes Essential for Salmonella Survival Inside Macrophages

**THOMAS MEYER** - Max Planck Institute  
Variation of a *Neisseria gonorrhoeae* Surface Antigen by  
Translational Control of Gene Expression

**HANK SEIFERT** - Northwestern University  
Genetic Regulation of Gonococcal Pilin Phase  
and Antigenic Variation

**MARIE ROSE VAN SCHRAVENDIJK** - DNAX Research Institute  
Antigenic Variation and Sequestration of  
Parasitized Blood Cells in Malaria Infection

**LEX VAN DER PLOEG** - Columbia University  
Duplicative Transposition of Variant Surface Glycoprotein  
Genes of African Trypanosomes

**GEORGE CROSS** - The Rockefeller University  
The Glycosyl-Phosphatidylinositol Membrane Anchor of the  
Trypanosome Variant Surface Glycoprotein:  
Its Structure, Synthesis, and Possible Role in Antigen Switching

**ERIK HEWLETT** - University of Virginia School of Medicine  
Adenylate Cyclase Toxin of *Bordetella pertussis*:  
Altering the Immune Response

**JOSEPH SODROSKI** - Harvard Medical School  
Mechanisms of T-cell Killing by HIV

**KEITH JOINER** - National Institutes of Health  
Mechanisms of Complement Evasion by  
Leishmania and South American Trypanosomes

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For Registration Information, Contact:

The Graduate Student Symposium  
Department of Molecular, Cellular,  
and Developmental Biology  
Box 347  
University of Colorado  
Boulder, CO 80309